

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<p>Applicant(s): <b>GANTON et al.</b></p> <p>Application Serial No.: <b>10/656,025</b></p> <p>Filed: <b>September 5, 2003</b></p> <p>Title: <b>SYSTEM AND METHOD FOR PROTECTING MULTIPLEXED ELEMENTS SHARING A SINGLE ELECTRICAL LINE</b></p>	<p>Group Art Unit: <b>2836</b></p> <p>Examiner: <b>JACKSON, S. W.</b></p> <p>Conf. No.: <b>8491</b></p>
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**AMENDMENT AND RESPONSE TO OFFICE ACTION**

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

This communication is submitted in response to the Office Action dated September 29, 2006, in the above-referenced patent application. Please enter and consider the following amendments and remarks.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.

**Replacement sheets** of formal drawings accompany this submission.